













2nd Quarter Report

Program Year 2023 | 04.01.23 - 06.30.23

Table of Contents

Peoples Gas		North Shore Gas		Peoples Gas and	
Portfolio Summary	<u>06</u>	Portfolio Summary	<u>23</u>	North Shore Gas	
Business Program	<u>07</u>	Business Program	<u>24</u>	Market Development	39
Research and Development	4.0	Research and Development		Initiative	<u>00</u>
and Market Transformation	<u>13</u>	and Market Transformation	<u>30</u>	Marketing	<u>43</u>
Residential Program	<u>14</u>	Residential Program	<u>31</u>	Outreach	44
Income Eligible Program	<u>17</u>	Income Eligible Program	<u>34</u>	Trade Ally	<u>47</u>





The Peoples Gas Light and Coke Company and North Shore Gas Company provide these qualitative Quarterly Reports containing a program brief on Q2 activities of Program Year 2023. These reports are accompanied by the quantitative reports, which detail the program savings, costs, and results. These reports are provided pursuant to Section 6.6 of the Illinois Energy Efficiency Policy Manual Version 2.0 (effective January 1, 2020).

Data presented in this document is based on preliminary results and is subject to revision and evaluation adjustments.

2023 Environmental and Community Impact

ENVIRONMENTAL IMPACT

29,252

Acres of trees planted

24,530

Carbon reduction (tons)

5,459

Cars removed from the road

3,092

Homes' energy use offset

4,636,180
Net energy savings (therms)

COMMUNITY IMPACT

6,003

Residential homes served

14,943

Income qualified homes served

87

Businesses served

76

Direct portfolio jobs

20%

Diverse Spend







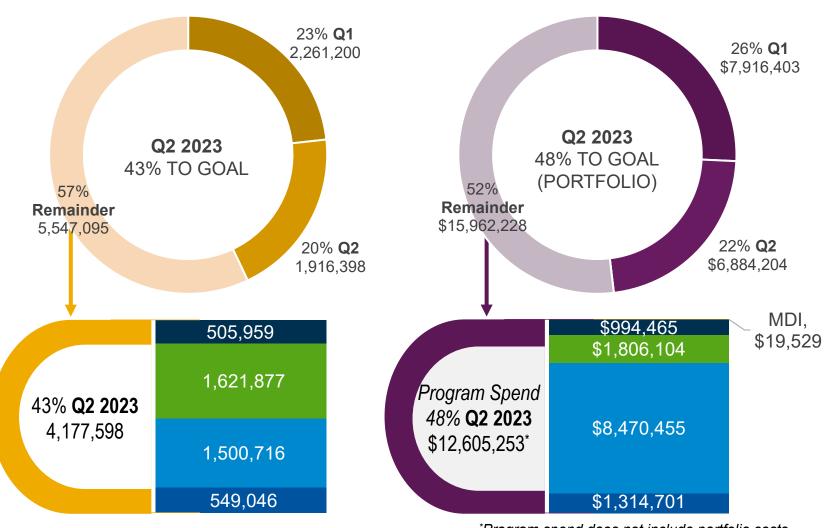
PEWPLES GAS® **ENERGY EFFICIENCY PROGRAM**

As of Q2 2023, the Peoples Gas portfolio achieved 43% of the savings goal of 9,724,693 therms, spent 48% of the \$26,252,891 program budget, and spent 48% of the \$30,762,834 portfolio budget.

- **Public Sector Program** achieved 28% of the savings goal, spending 29% of the budget.
- **Business Program achieved** 42% of the savings goal, spending 33% of the budget.
- Income Eligible Program achieved 62% of the savings goal, spending 64% of the budget.
- Residential Program achieved 34% of the savings goal, spending 39% of the budget.

SAVINGS

SPEND



Commercial and Industrial

The Commercial and Industrial Program seeks to engage customers using 400,000 therms or more per year, within the utility's territory. The program offers several outreach strategies aimed at reaching top-down and bottom-up stakeholders in delivering program funds to assist in improving the customer's operations and system reliability.

Business Program

Prescriptive and Custom Rebates	Prescriptive rebates are standard incentive amounts for common energy efficiency measures, typically, with deemed energy savings in the Illinois Technical Resource Manual.	
	Custom rebates are awarded for the non-standard applications of energy efficiency measures or for projects that do not follow a one-for-one replacement. The review of several operating parameters determines the energy savings.	
New Construction Rebates	Rebates are provided towards new building projects or deep renovations, which are designed to exceed regional energy-efficiency code requirements. This is a joint program implemented with partnering utility, ComEd.	
Gas Optimization Studies	This comprehensive facility review focuses on gas systems and is like an ASHRAE Level 2 Audit. The study aims to identify custom and prescriptive opportunities. Customers may receive up to \$15,000 for onsite engineering assistance from a 3rd party engineering firm.	
Retro-Commissioning	This comprehensive study provides insights into the performance of a facility's existing energy-using systems. To help facilities perform optimally, this program focuses on identifying no- and low-cost energy-saving operational improvements with a simple payback within 18 months. This is a joint program with ComEd, and an approved 3rd party engineering firm conducts the study.	
Engineering Studies	These studies focus on large, custom, capital-intensive energy-saving projects. An in-depth implementation study, investment-grade audit or process evaluation is provided focused on one process or project. Customers may receive up to \$15,000 to offset the costs of a 3rd party engineering firm to conduct the study.	
Staffing Grant	Customer grant recipients are provided up to \$50,000 to support a full- or part-time employee to oversee the implementation of natural gas efficiency projects that would otherwise not be implemented due to limited staffing.	
Strategic Energy Management	Strategic Energy Management engages customers in long-term continuous energy efficiency improvements at their facilities by involving site management, leveraging data, and promoting best practices at the site.	



Commercial and Industrial

HIGHLIGHTS

RESULTS

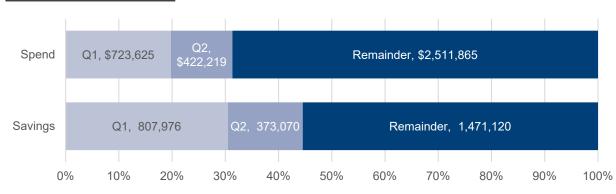
Performance

- ✓ Cost effective participation in Q2, achieving 14% of the savings goal with 12% of the budget
- √ \$/therm lower than expected
- ✓ Two large process insulation projects contributed the most savings

Customer Engagement

✓ Through initial customer satisfaction survey responses, commercial and industrial customers gave an average score of 9.75 out of 10 when asked how likely they are to recommend the program, most commonly selecting "ease of rebate process" as what we do well





OFFERING





Small and Midsize Business

The Small and Midsize Business Program seeks to engage businesses with an annual gas use below 400,000 therms.

Outreach and rebates are designed to support the unique needs of these businesses in improving their operations and reducing their energy costs.

Business Program

Prescriptive and Custom Rebates	Prescriptive rebates are standard incentive amounts for common energy efficiency measures, typically, with deemed energy savings in the Illinois Technical Resource Manual.	
	Custom rebates are awarded for the non-standard applications of energy efficiency measures or for projects that do not follow a one-for-one replacement. The review of several operating parameters determines the energy savings.	
New Construction Rebates	Rebates are provided towards new building projects or deep renovations, which are designed to exceed regional energy-efficiency code requirements. This is a joint program implemented with partnering utility, ComEd.	
Gas Optimization Studies	This comprehensive facility review focuses on gas systems and is like an ASHRAE Level 2 Audit. The study aims to identify custom and prescriptive opportunities. Customers may receive up to \$15,000 for onsite engineering assistance from a 3rd party engineering firm.	
Retro-Commissioning	This comprehensive study provides insights into the performance of a facility's existing energy-using systems. To help facilities perform optimally, this program focuses on identifying no- and low-cost energy-saving operational improvements with a simple payback within 18 months. This is a joint program with ComEd, and an approved 3rd party engineering firm conducts the study.	



Small and Midsize Business HIGHLIGHTS

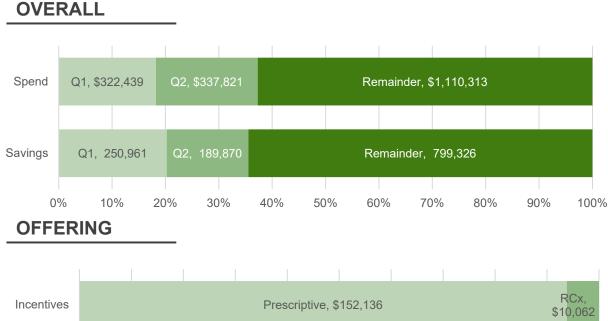
RESULTS

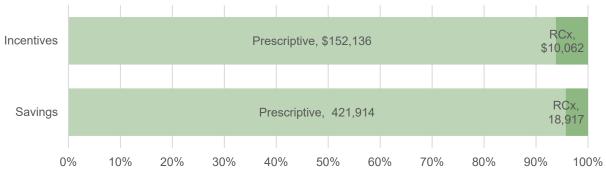
Performance

- ✓ Participation remained consistent in Q2, achieving 15% of the savings goal with 19% of the budget
- √ \$/therm slightly higher than expected
- ✓ Top measure by savings: steam trap repairs/replacements

Customer Engagement

✓ Through initial customer satisfaction survey responses, small and midsize business customers gave an average score of 9.4 out of 10 when asked how likely they are to recommend the program





Public Sector

The Public Sector Program seeks to engage Public Sector entities in the utility's territory.

The program offers several outreach initiatives aimed at reaching top-down and bottom-up stakeholders within the Public Sector to facilitate program participation and assist in improving the customer's operations and system reliability.

Business Program

Prescriptive and Custom Rebates	Prescriptive rebates are standard incentive amounts for common energy efficiency measures, typically, with deemed energy savings in the Illinois Technical Resource Manual.	
	Custom rebates are awarded for the non-standard applications of energy efficiency measures or for projects that do not follow a one-for-one replacement. The review of several operating parameters determines the energy savings.	
New Construction Rebates	Rebates are provided towards new building projects or deep renovations, which are designed to exceed regional energy-efficiency code requirements. This is a joint program implemented with partnering utility, ComEd.	
Gas Optimization Studies	This comprehensive facility review focuses on gas systems and is like an ASHRAE Level 2 Audit. The study aims to identify custom and prescriptive opportunities. Customers may receive up to \$15,000 for onsite engineering assistance from a 3rd party engineering firm.	
Retro-Commissioning	This comprehensive study provides insights into the performance of a facility's existing energy-using systems. To help facilities perform optimally, this program focuses on identifying no- and low-cost energy-saving operational improvements with a simple payback within 18 months. This is a joint program with ComEd, and an approved 3rd party engineering firm conducts the study.	
Engineering Studies	These studies focus on large, custom, capital-intensive energy-saving projects. An in-depth implementation study, investment-grade audit or process evaluation is provided focused on one process or project. Customers may receive up to \$15,000 to offset the costs of a 3rd party engineering firm to conduct the study.	
Staffing Grant	Customer grant recipients are provided up to \$50,000 to support a full- or part-time employee to oversee the implementation of natural gas efficiency projects that would otherwise not be implemented due to limited staffing.	
Strategic Energy Management	Strategic Energy Management engages customers in long-term continuous energy efficiency improvements at their facilities by involving site management, leveraging data and promoting best practices at the site.	



Public Sector HIGHLIGHTS

RESULTS

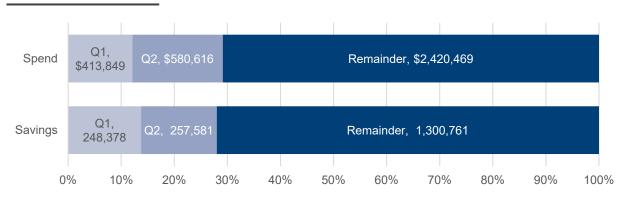
Performance

- ✓ Achieved 14% of the savings with 17% of the spend in Q2
- √ \$/therm slightly higher than expected
- ✓ Top measure by savings: steam trap repairs/replacements

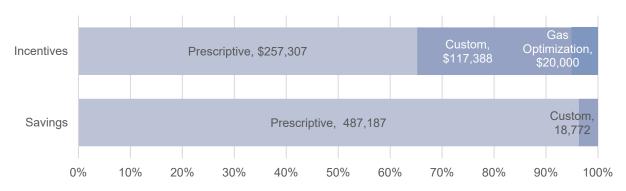
Customer Engagement

- √ 36 participants in Q2
- ✓ Public Sector customers have focused on Prescriptive and Custom projects. Gas Optimization projects are helping find opportunities for savings, such as process pipe insulation

OVERALL



OFFERING



Research and Development and Market Transformation

AREAS OF FOCUS INCLUDE:

Gas heat pumps – residential and commercial units

Gas cooking

Hydrogen compatibility

Self-powered gas appliances for resiliency

Integrated renewable energy systems

Combined heat and power

Low carbon fuels

Energy stretch code advancement and building performance standards

Research and Development (R&D) evaluate innovative technologies and projects for possible future inclusion in programs to achieve additional therm savings. Projects are implemented in collaboration with research organizations, educational institutions, and non-profit organizations. This team is also engaged in Market Transformation (MT) activities to shift the market to greater adoption of energy-efficient technologies. **Market Transformation** initiatives are expanding new project launches and existing projects as joint IOU MT initiatives.



Single Family and Multi-Family

Residential single-family offerings provide residential customers access to energy efficiency via two paths—Home Energy Assessment and Home Energy Rebates. The programs are designed to help customers save energy immediately through the direct installation of measures while identifying major upgrades (i.e., furnace or boiler replacement, attic insulation) for future consideration.

Residential Multi-Family Program offers a comprehensive program of assessments, direct install, prescriptive and custom rebates, and partner trade ally projects.

PEWPLES GAS® ENERGY EFFICIENCY PROGRAM

Residential Program

Home Energy Assessment	Offers energy-saving products installed in homes at no-cost to the customer. The Home Energy Assessment program is a joint program offering provided in partnership with Peoples Gas, North Shore Gas and ComEd. Homeowners can reduce their energy and water use with the installation of products available to owners of single-family homes, two-flats, and individually metered condos and townhomes. Renters are also eligible with permission from their landlords.
Smart Thermostats	A joint utility offering that provides residential customers discounted smart thermostats through the ComEd Marketplace.
Home Energy Rebate	This is a gas-only offering provided in collaboration with local Trade Allies. The program offers rebates on energy-efficient heating, ventilation, air conditioning and water heating equipment and qualifying weatherization projects for residential customers.
Elementary Education	The Elementary Education Program is a free energy efficiency educational program provided in partnership with Peoples Gas, North Shore Gas and ComEd. The program offers 5th grade energy efficiency lesson plans, equipping teachers with activity guides and take-home kits for students and their families to learn how to save energy by installing no-cost energy-saving products in their homes.
Multi-Family Energy Savings	The Multi-Family Energy Savings program is a joint program offering provided in partnership with Peoples Gas, North Shore Gas and ComEd. The program offers free direct installation of energy-saving measures for multi-family buildings.
Prescriptive and Custom Rebates, and Partner Trade Ally (PTA)	A Peoples Gas and North Shore Gas-only offering provided in partnership with vetted Trade Allies. Prescriptive rebates are standard incentive amounts for common types of energy efficiency measures. Custom incentives are awarded for the non-standard technologies or for projects that do not include a one-for-one replacement. This is based on the review of several operating parameters that determine energy savings.

Residential Single Family

HIGHLIGHTS

RESULTS

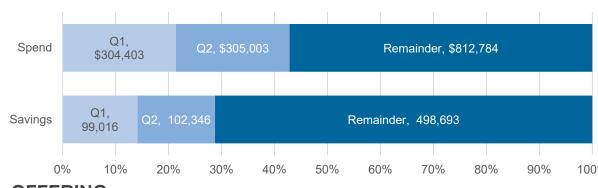
Performance

- ✓ Consistent performance from Q1 to Q2, achieved 15% of the savings with 21% of the spend
- ✓ Overall \$/therm higher than expected in all offerings except Elementary Education Kits

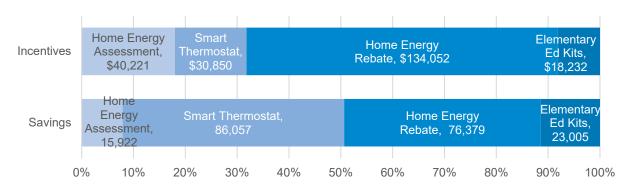
Offering Highlights

- √ Home Energy Assessment: 422 participants in Q2
- ✓ Home Energy Rebate (252 total): About 90% of the participants received an HVAC rebate, with the rest receiving weatherization rebates
 - The top measures based upon savings: highefficiency furnaces, smart thermostats, and boiler + integrated domestic hot water two-inone unit
- ✓ Elementary Education Kits: 766 Kits were distributed in Q2
- ✓ Smart Thermostats: 460 sold in Q2

OVERALL



OFFERING



Residential Multi-Family

HIGHLIGHTS

RESULTS

Performance

- ✓ Most of the savings is from the Multi-Family Prescriptive, Custom, and Partner Trade Ally (PTA) offering, with PTAs leveraging existing relationships with customers to drive projects
- ✓ Savings increased this quarter from Q1, achieved 26% of the savings with 22% of the spend
- ✓ Overall \$/therm is now less than expected

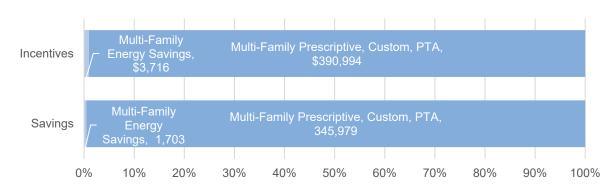
Offering Highlights

- Multi-Family Energy Savings: 6 buildings participated in Q2
- ✓ Prescriptive, Custom, Partner Trade Ally: 43 buildings participated in Q2
 - The Partner Trade Allies completed most of the projects
 - The top measures based upon savings: steam traps, boiler tune-ups, and steam pipe insulation

OVERALL



OFFERING



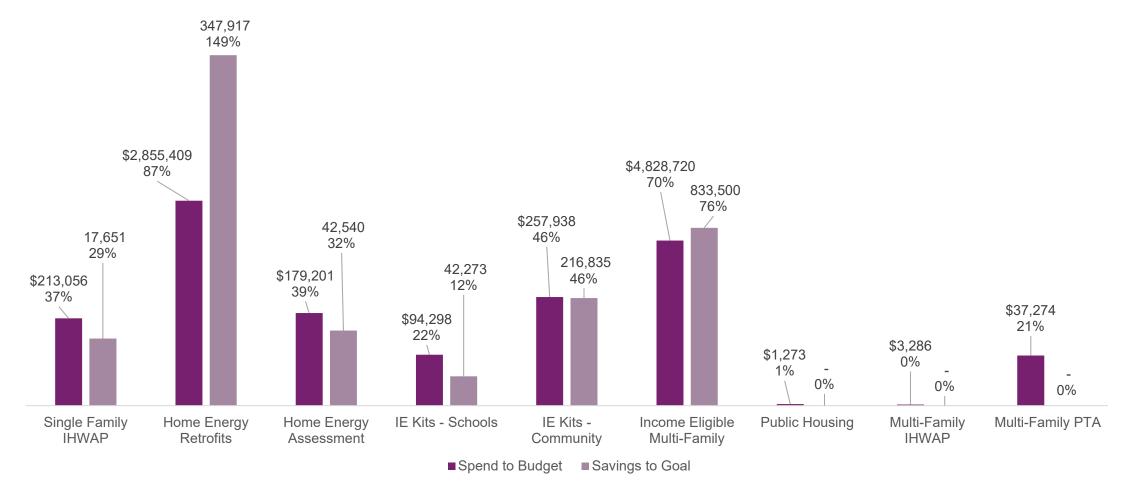
Income Eligible Single Family and Multi-Family

Income Eligible Programs target the underserved income eligible market, providing services designed to make it easy for single-family and multifamily income eligible customers to take advantage of cost-effective energy saving retrofits.

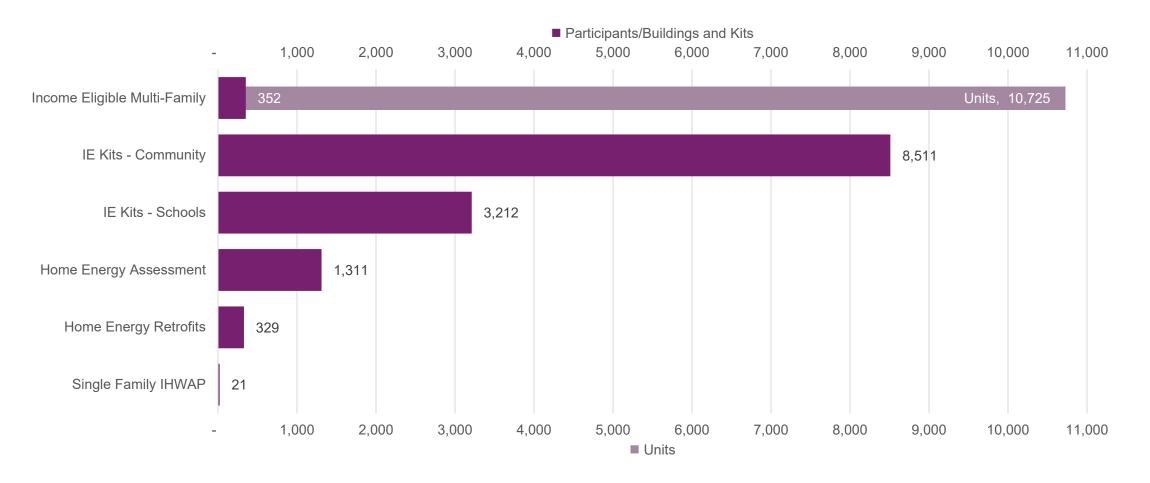
Income Eligible Program

Illinois Home Weatherization Assistance Program (IHWAP)	Leverage's state and federal funds to supplement incentives from utility programs. The program was designed to help low-income residents save energy and money while increasing the comfort of their homes. With a mission to insulate low-income customers, particularly the elderly, persons with disabilities, families with children, high residential energy users, and households with a high energy burden, to conserve needed energy and to aid those persons least able to afford higher utility costs. Weatherization services are provided to low-income residents through local community action agencies or not for profit agencies.
Home Energy Assessment	Offers energy-saving products installed in homes at no-cost to the customer. The Home Energy Assessment program is a joint program offering provided in partnership with Peoples Gas, North Shore Gas and ComEd. Homeowners can reduce their energy and water use with the installation of products available to owners of single-family homes, two-flats, and individually metered condos and townhomes. Renters are also eligible with permission from their landlords.
Home Energy Savings Retrofits	Offers direct install products and no-cost weatherization services for Income-Eligible Single-Family home customers. It is delivered jointly with ComEd through approved agencies or partners, e.g. Chicago Bungalow Association.
Income Eligible Multi- Family Savings	Building owners receive free technical assistance to identify energy efficiency opportunities and install measures. Expenses are fully covered by the program, from the direct installation of energy efficiency products into tenants' units (light bulbs, aerators, showerheads, etc.), to common area measures, and more extensive measures requiring building owner co-pay. This program is a joint utility program offering.
Public Housing Energy Savings	Offers prescriptive and custom rebates for gas measures in housing owned by Public Housing Authorities. This program is a joint program offering provided in partnership with Peoples Gas, North Shore Gas and ComEd.
Multi-Family Income Eligible Partner Trade Ally	A Peoples Gas and North Shore Gas-only offering, delivered by vetted Partner Trade Allies. Trade Allies are given higher rebate amounts to serve geographically income-eligible customers with retrofit measures.
Income Eligible Gas Kits	Provides income-qualified customers with a kit of energy efficiency measures to self-install. The Income Eligible Gas Kits are distributed by ground mail to qualified customers vetted by the Low-Income Home Energy Assistance Program (LIHEAP). Provided in partnership with the Peoples Gas, North Shore Gas and ComEd.

Income Eligible Program 2023 Program Offering Savings and Spend



Income Eligible Program 2023 Program Offering Participants



Income Qualified Single Family

HIGHLIGHTS

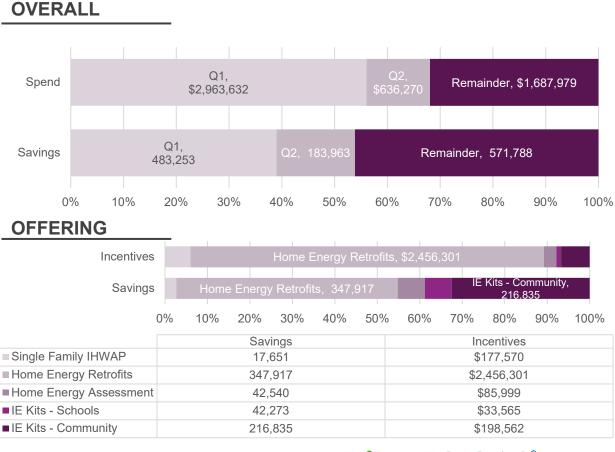
RESULTS

Performance

- ✓ Achieved 15% of the savings with 12% of the spend
- ✓ Overall \$/therm higher than expected based on mix of participation, should rebalance as the year progresses with kits participation

Offering Highlights

- ✓ IHWAP Single Family: 12 participants in Q2
- ✓ Home Energy Retrofits: 0 Q2 projects based upon completion of Peoples Gas portion of the joint retrofits offering goals
- ✓ Home Energy Assessment: 540 participants in Q2
- √ 956 Elementary Ed and 4,494 Community Kits were distributed in Q2



Income Qualified Multi-Family

HIGHLIGHTS

RESULTS

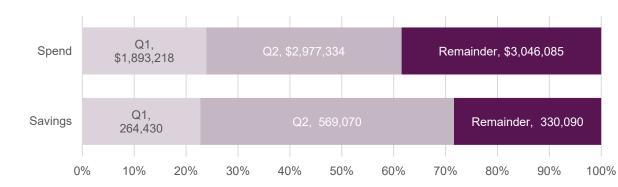
Performance

- ✓ Cost effective performance in Q2, achieved 49% of the savings with 38% of the spend
- √ \$/therm is now less than expected based on mix of participation
- ✓ All participation to date has been in Income Eligible Multi-Family Energy Savings offering

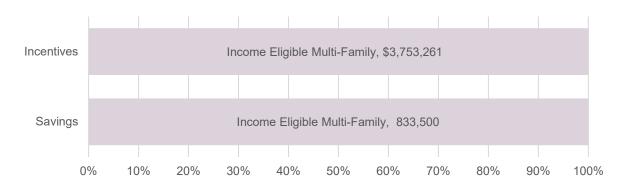
Offering Highlights

- ✓ Income Eligible Multi-Family Energy Savings: 223 Buildings and 8,027 units participated in Q2
 - Top direct install measures by savings: pipe insulation and water-saving devices (showerheads, aerators, etc.)
 - Top upgrade by savings: Attic insulation with air sealing
- ✓ Multi-Family Partner Trade Ally: No projects in Q2
- ✓ Multi-Family program planned incentive budget distribution: 8% IWHAP, 88% Income Eligible, 2% Public Housing, 2% PTA. Actual distribution of incentive spend to-date: 0% IHWAP, 100% Income Eligible, 0% Public Housing, 0% PTA

OVERALL



OFFERING





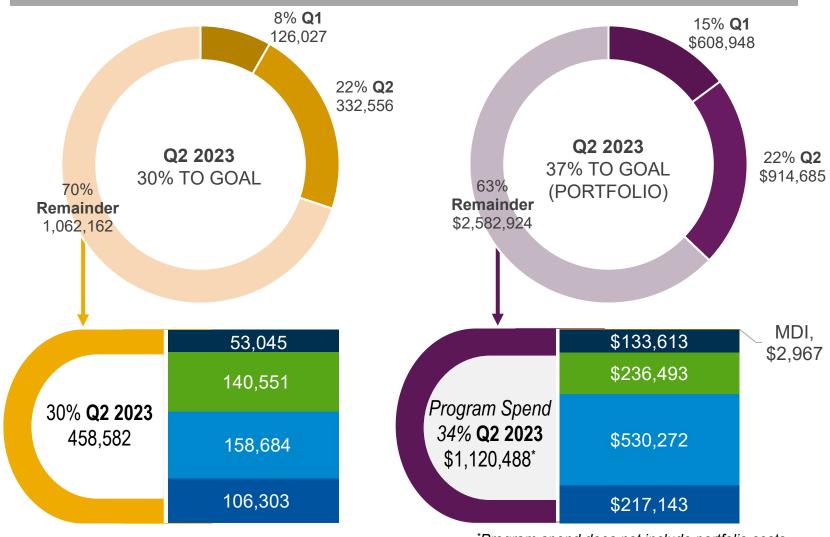
NORTH SHORE GAS® ENERGY EFFICIENCY PROGRAM

As of Q2 2023, the North Shore Gas portfolio achieved 30% of the savings goal of 1,520,744 therms, spent 34% of the \$3,338,813 program budget, and spent 37% of the \$4,106,556 portfolio budget.

- Public Sector Program achieved 22% of the savings goal, spending 27% of the budget.
- Business Program achieved 16% of the savings goal, spending 19% of the budget.
- Income Eligible Program achieved 118% of the savings goal, spending 56% of the budget.
- Residential Program achieved 38% of the savings goal, spending 44% of the budget.

SAVINGS

SPEND



Commercial and Industrial

The Commercial and Industrial Program seeks to engage customers using 400,000 therms or more per year, within the utility's territory. The program offers several outreach strategies aimed at reaching top-down and bottom-up stakeholders in delivering program funds to assist in improving the customer's operations and system reliability.

Business Program

Prescriptive and Custom Rebates	Prescriptive rebates are standard incentive amounts for common energy efficiency measures, typically, windeemed energy savings in the Illinois Technical Resource Manual.	
	Custom rebates are awarded for the non-standard applications of energy efficiency measures or for projects that do not follow a one-for-one replacement. The review of several operating parameters determines the energy savings.	
New Construction Rebates	Rebates are provided towards new building projects or deep renovations, which are designed to exceed regional energy-efficiency code requirements. This is a joint program implemented with partnering utility, ComEd.	
Gas Optimization Studies	This comprehensive facility review focuses on gas systems and is like an ASHRAE Level 2 Audit. The study aims to identify custom and prescriptive opportunities. Customers may receive up to \$15,000 for onsite engineering assistance from a 3rd party engineering firm.	
Retro-Commissioning	This comprehensive study provides insights into the performance of a facility's existing energy-using systems. To help facilities perform optimally, this program focuses on identifying no- and low-cost energy-saving operational improvements with a simple payback within 18 months. This is a joint program with ComEd, and an approved 3rd party engineering firm conducts the study.	
Engineering Studies	These studies focus on large, custom, capital-intensive energy-saving projects. An in-depth implementation study, investment-grade audit or process evaluation is provided focused on one process or project. Customers may receive up to \$15,000 to offset the costs of a 3rd party engineering firm to conduct the study.	
Staffing Grant	Customer grant recipients are provided up to \$50,000 to support a full- or part-time employee to oversee the implementation of natural gas efficiency projects that would otherwise not be implemented due to limited staffing.	
Strategic Energy Management	Strategic Energy Management engages customers in long-term continuous energy efficiency improvements at their facilities by involving site management, leveraging data, and promoting best practices at the site.	

Commercial and Industrial

HIGHLIGHTS

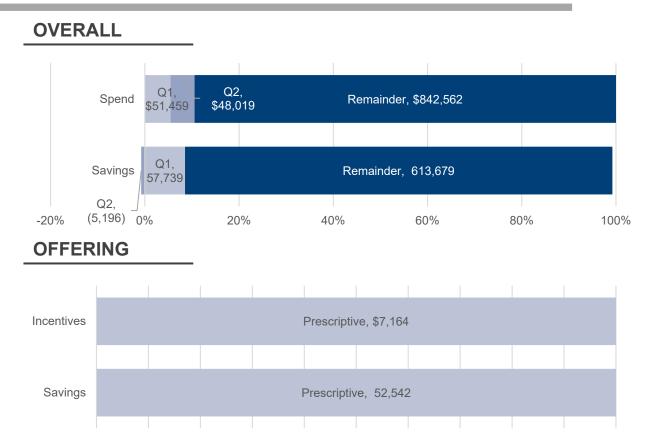
RESULTS

Performance

- √ \$/therm slightly higher than expected
- ✓ Top measure by savings: boiler tune-ups

Customer Engagement

✓ Through initial customer satisfaction survey responses, commercial and industrial customers gave an average score of 10 out of 10 when asked how likely they are to recommend the program, most commonly selecting "representative experience" as what we do well



30%

70%

100%

Small and Midsize Business

The Small and Midsize Business Program seeks to engage businesses with an annual gas use below 400,000 therms.

Outreach and rebates are designed to support the unique needs of these businesses in improving their operations and reducing their energy costs.

Business Program

Prescriptive and Custom Rebates	Prescriptive rebates are standard incentive amounts for common energy efficiency measures, typically, with deemed energy savings in the Illinois Technical Resource Manual.	
	Custom rebates are awarded for the non-standard applications of energy efficiency measures or for projects that do not follow a one-for-one replacement. The review of several operating parameters determines the energy savings.	
New Construction Rebates	Rebates are provided towards new building projects or deep renovations, which are designed to exceed regional energy-efficiency code requirements. This is a joint program implemented with partnering utility, ComEd.	
Gas Optimization Studies	This comprehensive facility review focuses on gas systems and is like an ASHRAE Level 2 Audit. The study aims to identify custom and prescriptive opportunities. Customers may receive up to \$15,000 for onsite engineering assistance from a 3rd party engineering firm.	
Retro-Commissioning	This comprehensive study provides insights into the performance of a facility's existing energy-using systems. To help facilities perform optimally, this program focuses on identifying no- and low-cost energy-saving operational improvements with a simple payback within 18 months. This is a joint program with ComEd, and an approved 3rd party engineering firm conducts the study.	

Small and Midsize Business HIGHLIGHTS

RESULTS

Performance |

- ✓ Very cost effective in Q2, achieved 44% of the savings goal with 29% of the budget
- √ \$/therm very close to expectations
- ✓ Top measure by savings: steam trap repairs/replacements

Offering Highlights

✓ Through initial customer satisfaction survey responses, small and midsize business customers gave an average score of 8.75 out of 10 when asked how likely they are to recommend the program, most commonly selecting "representative energy efficiency expertise" as what we do well



50%

60%

70%

80%

90%

100%

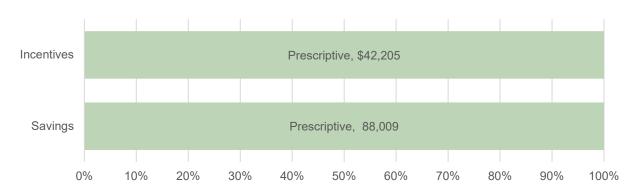
40%

OFFERING

10%

20%

30%



Public Sector

The Public Sector Program seeks to engage Public Sector entities in the utility's territory.

The program offers several outreach initiatives aimed at reaching top-down and bottom-up stakeholders within the Public Sector to facilitate program participation and assist in improving the customer's operations and system reliability.

Business Program

Prescriptive and Custom Rebates	Prescriptive rebates are standard incentive amounts for common energy efficiency measures, typically, with deemed energy savings in the Illinois Technical Resource Manual.	
	Custom rebates are awarded for the non-standard applications of energy efficiency measures or for projects that do not follow a one-for-one replacement. The review of several operating parameters determines the energy savings.	
New Construction Rebates	Rebates are provided towards new building projects or deep renovations, which are designed to exceed regional energy-efficiency code requirements. This is a joint program implemented with partnering utility, ComEd.	
Gas Optimization Studies	This comprehensive facility review focuses on gas systems and is like an ASHRAE Level 2 Audit. The study aims to identify custom and prescriptive opportunities. Customers may receive up to \$15,000 for onsite engineering assistance from a 3rd party engineering firm.	
Retro-Commissioning	This comprehensive study provides insights into the performance of a facility's existing energy-using systems. To help facilities perform optimally, this program focuses on identifying no- and low-cost energy-saving operational improvements with a simple payback within 18 months. This is a joint program with ComEd, and an approved 3rd party engineering firm conducts the study.	
Engineering Studies	These studies focus on large, custom, capital-intensive energy-saving projects. An in-depth implementation study, investment-grade audit or process evaluation is provided focused on one process or project. Customers may receive up to \$15,000 to offset the costs of a 3rd party engineering firm to conduct the study.	
Staffing Grant	Customer grant recipients are provided up to \$50,000 to support a full- or part-time employee to oversee the implementation of natural gas efficiency projects that would otherwise not be implemented due to limited staffing.	
Strategic Energy Management	Strategic Energy Management engages customers in long-term continuous energy efficiency improvements at their facilities by involving site management, leveraging data and promoting best practices at the site.	



Public Sector HIGHLIGHTS

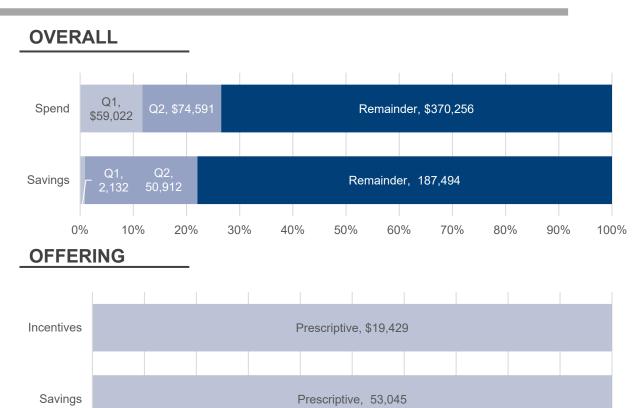
RESULTS

Performance

- ✓ Increase in savings in Q2, achieved 21% of the savings goal with 15% of the budget
- √ \$/therm higher than expected
- ✓ Top measure by savings: process boiler tune-ups

Customer Engagement

- ✓ Village of Winnetka has a steam generation plant with four turbines and will be tuning up this year, they also have completed 1 boiler tune-up and have three more planned for 2023
- ✓ Prescriptive: 4 participants in Q2
- ✓ Public Sector Customers continued to focus on Prescriptive projects in Q2



20%

30%

40%

60%

70%

50%

100%

Research and Development and Market Transformation

AREAS OF FOCUS INCLUDE:

Gas heat pumps – residential and commercial units

Gas cooking

Hydrogen compatibility

Self-powered gas appliances for resiliency

Integrated renewable energy systems

Combined heat and power

Low carbon fuels

Energy stretch code advancement and building performance standards

Research and Development (R&D) evaluate innovative technologies and projects for possible future inclusion in programs to achieve additional therm savings. Projects are implemented in collaboration with research organizations, educational institutions, and non-profit organizations. This team is also engaged in Market Transformation (MT) activities to shift the market to greater adoption of energy-efficient technologies. **Market Transformation** initiatives are expanding new project launches and existing projects as joint IOU MT initiatives.



Single Family and Multi-Family

Residential single-family offerings provide residential customers access to energy efficiency via two paths—Home Energy Assessment and Home Energy Rebates. The programs are designed to help customers save energy immediately through the direct installation of measures while identifying major upgrades (i.e., furnace or boiler replacement, attic insulation) for future consideration.

Residential Multi-Family Program offers a comprehensive program of assessments, direct install, prescriptive and custom rebates, and partner trade ally projects.

Residential Program

Home Energy Assessment	Offers energy-saving products installed in homes at no-cost to the customer. The Home Energy Assessment program is a joint program offering provided in partnership with Peoples Gas, North Shore Gas and ComEd. Homeowners can reduce their energy and water use with the installation of products available to owners of single-family homes, two-flats, and individually metered condos and townhomes. Renters are also eligible with permission from their landlords.
Smart Thermostats	A joint utility offering that provides residential customers discounted smart thermostats through the ComEd Marketplace.
Home Energy Rebate	This is a gas-only offering provided in collaboration with local Trade Allies. The program offers rebates on energy-efficient heating, ventilation, air conditioning and water heating equipment and qualifying weatherization projects for residential customers.
Elementary Education	The Elementary Education Program is a free energy efficiency educational program provided in partnership with the Peoples Gas, North Shore Gas and ComEd. The program offers 5th grade energy efficiency lesson plans, equipping teachers with activity guides and take-home kits for students and their families to learn how to save energy by installing no-cost energy-saving products in their homes.
Multi-Family Energy Savings	The Multi-Family Energy Savings program is a joint program offering provided in partnership with Peoples Gas, North Shore Gas and ComEd. The program offers free direct installation of energy-saving measures for multi-family buildings.
Prescriptive and Custom Rebates, and Partner Trade Ally (PTA)	A Peoples Gas and North Shore Gas-only offering provided in partnership with vetted Trade Allies. Prescriptive rebates are standard incentive amounts for common types of energy efficiency measures. Custom incentives are awarded for the non-standard technologies or for projects that do not include a one-for-one replacement. This is based on the review of several operating parameters that determine energy savings.

Residential Single Family

HIGHLIGHTS

RESULTS

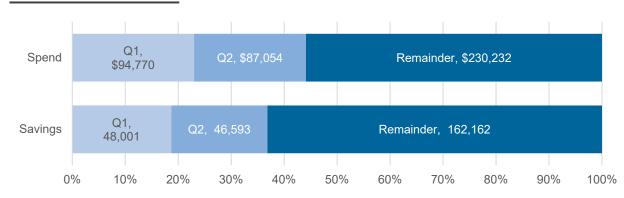
Performance

- ✓ Similar to Q1, Q2 achieved 18% of the savings with 21% of the spend
- ✓ Overall \$/therm slightly higher than expected in all offerings except Home Energy Rebates

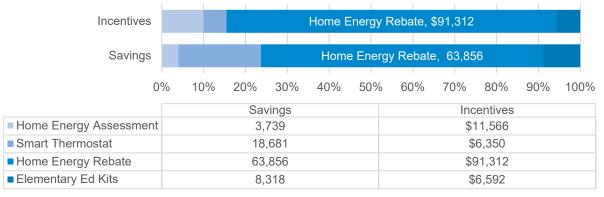
Offering Highlights

- √ Home Energy Assessment: 136 participants in Q2
- ✓ Home Energy Rebate (170 total): About 90% of the participants received an HVAC rebate, with the rest receiving weatherization rebates
 - The top measures based upon savings: highefficiency furnaces, smart thermostats, and duct sealing
- ✓ Elementary Education Kits: 569 Kits were distributed in Q2
- ✓ Smart Thermostats: 90 sold in Q2

OVERALL



OFFERING



Residential Multi-Family

HIGHLIGHTS

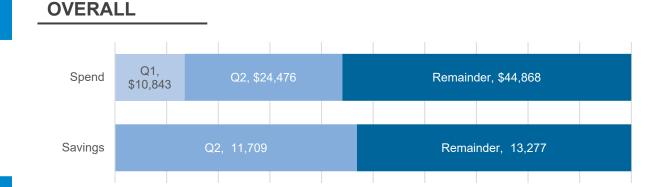
RESULTS

Performance

- ✓ Achieved 47% of the savings with 31% of the spend
- √ \$/therm less than expected
- ✓ The North Shore Gas Residential Multi-Family offering is very small, with room for a handful of large projects

Offering Highlights

- ✓ Multi-Family Energy Savings: 0 buildings participated in Q2
- ✓ Prescriptive, Custom, Partner Trade Ally: 2 buildings participated in Q2
 - The top measures based upon savings: pipe insulation and on-demand domestic hot water circulation pump

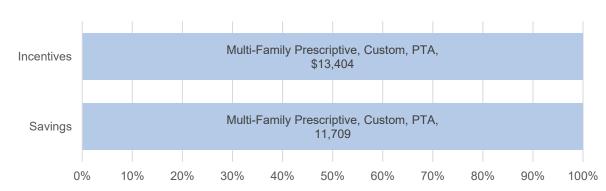




10%

20%

30%



50%

70%

100%

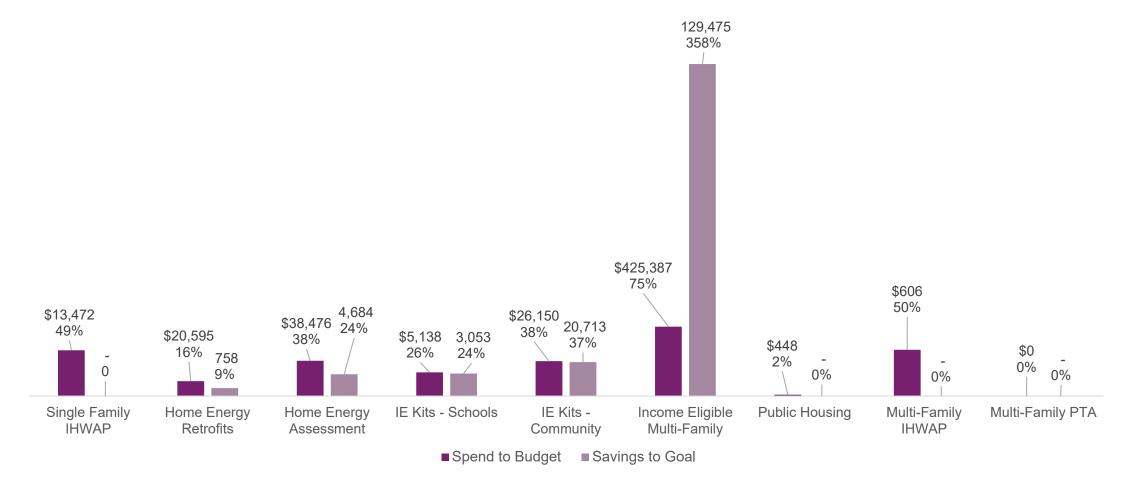
Income Eligible Single Family and Multi-Family

Income Eligible Programs target the underserved income eligible market, providing services designed to make it easy for single-family and multifamily income eligible customers to take advantage of cost-effective energy saving retrofits.

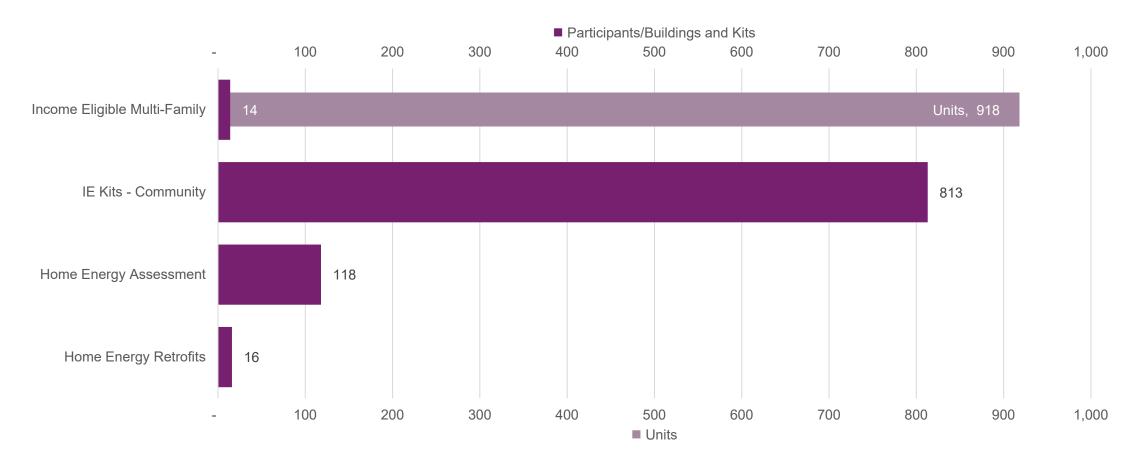
Income Eligible Program

Illinois Home Weatherization Assistance Program (IHWAP)	Leverage's state and federal funds to supplement incentives from utility programs. The program was designed to help low-income residents save energy and money while increasing the comfort of their homes. With a mission to insulate low-income customers, particularly the elderly, persons with disabilities, families with children, high residential energy users, and households with a high energy burden, to conserve needed energy and to aid those persons least able to afford higher utility costs. Weatherization services are provided to low-income residents through local community action agencies or not for profit agencies.
Home Energy Assessment	Offers energy-saving products installed in homes at no-cost to the customer. The Home Energy Assessment program is a joint program offering provided in partnership with Peoples Gas, North Shore Gas and ComEd. Homeowners can reduce their energy and water use with the installation of products available to owners of single-family homes, two-flats, and individually metered condos and townhomes. Renters are also eligible with permission from their landlords.
Home Energy Savings Retrofits	Offers direct install products and no-cost weatherization services for Income-Eligible Single-Family home customers. It is delivered jointly with ComEd through approved agencies or partners.
Income Eligible Multi- Family Savings	Building owners receive free technical assistance to identify energy efficiency opportunities and install measures. Expenses are fully covered by the program, from the direct installation of energy efficiency products into tenants' units (light bulbs, aerators, showerheads, etc.), to common area measures, and more extensive measures requiring building owner co-pay. This program is a joint utility program offering.
Public Housing Energy Savings	Offers prescriptive and custom rebates for gas measures in housing owned by Public Housing Authorities. This program is a joint program offering provided in partnership with Peoples Gas, North Shore Gas and ComEd.
Multi-Family Income Eligible Partner Trade Ally	A Peoples Gas and North Shore Gas-only offering, delivered by vetted Partner Trade Allies. Trade Allies are given higher rebate amounts to serve geographically income-eligible customers with retrofit measures.
Income Eligible Gas Kits	Provides income-qualified customers with a kit of energy efficiency measures to self-install. The Income Eligible Gas Kits are distributed by ground mail to qualified customers vetted by the Low-Income Home Energy Assistance Program (LIHEAP). Provided in partnership with the Peoples Gas, North Shore Gas and ComEd.

Income Eligible Program 2023 Program Offering Savings and Spend



Income Eligible Program 2023 Program Offering Participants



Income Qualified Single Family

HIGHLIGHTS

RESULTS

Performance

- ✓ Achieved 25% of the savings with 18% of the spend
- ✓ Overall \$/therm very close to expectations

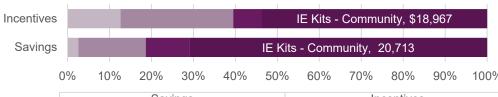
Offering Highlights

- ✓ For the Income Qualified Program, the North Shore Gas budget is much smaller than the Peoples Gas budget, coming in at 6% comparatively. This results in less interest from agencies and Trade Allies and a barrier the team continues to work to resolve
- ✓ IHWAP Single Family: 0 participants in Q2
- ✓ Home Energy Retrofits: 2 participants in Q2
- ✓ Home Energy Assessment: 77 participants in Q2.
- ✓ 232 Elementary Ed Kits and 669 Community Kits were distributed in Q2

OVERALL



OFFERING



	Savings	Incentives
■ Single Family IHWAP	-	\$0
■ Home Energy Retrofits	758	\$4,461
■ Home Energy Assessment	4,684	\$9,488
■IE Kits - Schools	3,053	\$2,424
■ IE Kits - Community	20,713	\$18,967

Income Qualified Multi-Family

HIGHLIGHTS

RESULTS

Performance

- ✓ Achieved 326% of the savings with 51% of the spend
- \$\forall \text{\$\text{\$\text{therm significantly lower than expected based measure}} \ \text{mix}
- ✓ A project more than one year in the making by one customer resulted in a significant increase in cost effective weatherization projects

Offering Highlights

- ✓ Income Eligible Multi-Family Energy Savings: 11 buildings and 909 units participated in Q2
 - The top DI measures by savings: water-saving devices (showerheads, shower timers, aerators, etc.)
 - Top upgrade by savings: air sealing
- ✓ Multi-Family program planned incentive budget distribution: 100% Income Eligible MFES. Actual distribution of incentive spend to-date: 100% Income Eligible MFES

OVERALL



OFFERING





Market Development Initiative Progress

- RFP process complete and vendor selected as of Q1 2023
- Kicked off June 30th



November: MDI research and reporting complete

December: Bidder recruitment; Draft RFP review excerpt shared and met

with SAG to review

2023 Q2

April - May: Contracting with vendor

June: Kickoff

2023 Q4

Market deployment

January: Implementer RFP issued

February: Bids received and vendors

interviewed

March: Vendor selected

Design and Launch

2023 Q3

2023 Q1





Support community

between PGL NSG, CBOs,

Engage CBOs and Diverse

development

Foster relationships

and Diverse Suppliers.

Suppliers in formulating

MDI strategies to improve

social and economic well-

being. Organize marketing

and engagement plans to

educate the community on

available opportunities via

CBOs and digital

strategies.

Build a diverse and thriving workforce

Increase the opportunity for both job seekers and Diverse Suppliers and position them for success. Define the skills and capabilities needed within the PGL NSG Energy Efficiency Program, identify gaps, and provide personalized, workercentric learning experiences.



Engage Diverse Suppliers

opportunities to suppliers

Ensure diverse, overlooked, and underresourced job seekers get the community support, training, and employment opportunities they need to rise above their barriers to employment. Assist Program teams, Trade Allies, and other subcontractors in sourcing

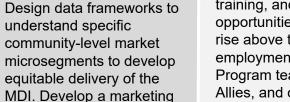


job-ready talent

Provide upskilling using community-based approaches that match supplier needs with available resources and MDI training.

Leverage Research

Utilize MDI research to inform program.



Respond to local

market conditions

and engagement plan.





Q2 2023 Marketing Recap

ENGAGEMENT

Energy Insights
Newsletter
Launched

Quarterly email sent to Business and Public Sector customers

Earth Day Messages Posted on Social Media

A series of four posts surrounded Earth Day to promote smart thermostats and encourage customers to view the new educational videos on our website

HIGHLIGHTS

Published
Redesigned
Peoples Gas EE
Webpages
June 2023

Digital Promotions at Chicago Fire Games Apr - Sept 2023



2023 Community Events (through Q2)

PERFORMANCE

11 / 18% PGL Events / % of Total

5 / 8% NSG Events / % of Total

44 / 73%

Joint Utilities / % of Total

60 2023 Events to Date

HIGHLIGHTS

Children's Activity
Books a Big Hit
with Customers
From the Field

Ramped-up Event
Presence and
Planned for Busy
Summer/Fall
Months
Apr - Jun 2023





Residential and IQ Spotlight: Community Events

Peoples Gas in the community

Event Name	Event Host	Date
Chicago Fire Game (vs. Minnesota)	Chicago Fire	4/8/2023
Chicago Fire Game (vs. Philadelphia)	Chicago Fire	4/15/2023
JenCare Health Fair	JenCare	4/19/2023
Able Distributors Spring Cleaning	Able Distributors	4/26/2023
Chicago Fire Game (vs. St. Louis)	Chicago Fire	5/13/2023
Englewood Empowerment Expo	BlueCross and VOA Illinois	5/20/2023
Able Distributors HVAC TA Table Event	Able Distributors	6/5/2023
2023 Juneteenth West Fest	West side Arts Council	6/17/2023



Residential and IQ Spotlight: Community Events

North Shore Gas in the community

Event Name	Event Host	Date
Eggstravaganza Trail	Waukegan Park District	4/8/2023
Green Living Fair	College of Lake County	4/15/2023
Condell Medical Earth Day Event	Condell Medical Center	4/17/2023
First Responders Expo	Gurnee Mills, Lake County Fire and Police Chiefs	5/20/2023

Q2 2023 Trade Ally Recap

ENGAGEMENT

Hosted 3
Webinars

Q2 Focus

Gas Fired Heat Pumps

Federal Tax Credits with Utility Rebates

Heat Recovery Chillers for Gas Usage Reduction

Roundtables and Relationship Building with Trade Allies

HIGHLIGHTS

Launched New Trade
Ally Website at
TradeAllyCenter.com
June 2023

New Trade Ally Benefits Launched with Website

On demand Learning Center

Marketing Toolkit to print materials

Customized alerts and messages

Online form for contractors to become Trade Allies

